

L Number	Hits	Search Text	DB	Time stamp
1	241	(568/662).CCLS.	USPAT; US-PGPUB	2004/09/20 12:06
2	217	(568/706).CCLS.	USPAT; US-PGPUB	2004/09/20 12:09
3	297	(564/223).CCLS.	USPAT; US-PGPUB	2004/09/20 12:13
4	249	(548/490).CCLS.	USPAT; US-PGPUB	2004/09/20 12:16
5	295	(544/63).CCLS.	USPAT; US-PGPUB	2004/09/20 12:16

Refine Search

Search Results -

Terms	Documents
L1 and Triton	2

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, September 20, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND</i>			
<u>L2</u>	L1 and Triton	2	<u>L2</u>
<u>L1</u>	N-acetyl-p-aminophenol	235	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040138509 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 2

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040138509

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040138509 A1

TITLE: Method of producing organic compounds in presence of oxyethylene ether catalyst and in a solvent minimized environment

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bhattacharya, Apurba	Corpus Christi	TX	US	
Parmar, Gaurang L.	Kingsville	TX	US	
Purohit, Vikram C.	College Station	TX	US	
Patel, Nitin C.	Kingsville	TX	US	

US-CL-CURRENT: 568/662

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6028222 A

L2: Entry 2 of 2

File: USPT

Feb 22, 2000

US-PAT-NO: 6028222

DOCUMENT-IDENTIFIER: US 6028222 A

TITLE: Stable liquid paracetamol compositions, and method for preparing same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 and Triton	2

Display Format:

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Refine Search

Search Results -

Terms	Documents
L2 and (oxyethylene adj ether)	1

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L6

Search History

DATE: Monday, September 20, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND

<u>L6</u>	L2 and (oxyethylene adj ether)	1	<u>L6</u>
<u>L5</u>	L2 and (polyoxyethylene adj ether)	1	<u>L5</u>
<u>L4</u>	L3 and (inorganic metal or organic metal)	6	<u>L4</u>
<u>L3</u>	L2 and (polyoxyethylene ether)	8	<u>L3</u>
<u>L2</u>	N-acetyl-p-aminophenol	235	<u>L2</u>
<u>L1</u>	(polyethylne glycol) and (N-acetyl-p-aminophenol)	0	<u>L1</u>

END OF SEARCH HISTORY

Hit List

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[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040138509 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 2

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040138509

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040138509 A1

TITLE: Method of producing organic compounds in presence of oxyethylene ether catalyst and in a solvent minimized environment

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bhattacharya, Apurba	Corpus Christi	TX	US	
Parmar, Gaurang L.	Kingsville	TX	US	
Purohit, Vikram C.	College Station	TX	US	
Patel, Nitin C.	Kingsville	TX	US	

US-CL-CURRENT: 568/662

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 2. Document ID: US 20040138509 A1

L4: Entry 2 of 2

File: DWPI

Jul 15, 2004

DERWENT-ACC-NO: 2004-561167

DERWENT-WEEK: 200454

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TITLE: Production of organic compound, e.g. nitro alcohol useful as intermediate in preparation of amino alcohol, in solvent-minimized environment, involves contacting organic reactant and inorganic metal reagent in presence of oxyethylene ether

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Refine Search

Search Results -

Terms	Documents
L6 and P-acetoaminophenol	0

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L8

Refine Search

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Set Name side by side	Query	Hit Count	Set Name result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND</i>			
<u>L8</u>	L6 and P-acetoaminophenol	0	<u>L8</u>
<u>L7</u>	L6 and nitrophenol	2	<u>L7</u>
<u>L6</u>	L5 and (metal)	108	<u>L6</u>
<u>L5</u>	L3 and process	153	<u>L5</u>
<u>L4</u>	L3 and (metal adj reagent)	2	<u>L4</u>
<u>L3</u>	(oxyethylene adj ether)	254	<u>L3</u>
<u>L2</u>	L1 and (Organic compound)	1805	<u>L2</u>
<u>L1</u>	(oxyethylene ether and metal reagent)	1959	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L6 and nitroalcohol	2

Database:

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 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
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Search:

Search History

DATE: Monday, September 20, 2004 [Printable Copy](#) [Create Case](#)

Set Name side by side	Query	Hit Count	Set Name result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND</i>			
<u>L10</u>	L6 and nitroalcohol	2	<u>L10</u>
<u>L9</u>	L6 and process	108	<u>L9</u>
<u>L8</u>	L6 and P-acetoaminophenol	0	<u>L8</u>
<u>L7</u>	L6 and nitrophenol	2	<u>L7</u>
<u>L6</u>	L5 and (metal)	108	<u>L6</u>
<u>L5</u>	L3 and process	153	<u>L5</u>
<u>L4</u>	L3 and (metal adj reagent)	2	<u>L4</u>
<u>L3</u>	(oxyethylene adj ether)	254	<u>L3</u>
<u>L2</u>	L1 and (Organic compound)	1805	<u>L2</u>
<u>L1</u>	(oxyethylene ether and metal reagent)	1959	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L6 and nitrophenol	2

Database:

US Pre-Grant Publication Full-Text Database
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 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
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Search:

L6 and P-aceto

Refine Search

Recall Text

Clear

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Search History

DATE: Monday, September 20, 2004 [Printable Copy](#) [Create Case](#)

Set Name side by side	Query	Hit Count	Set Name result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND</i>			
<u>L7</u>	L6 and nitrophenol	2	<u>L7</u>
<u>L6</u>	L5 and (metal)	108	<u>L6</u>
<u>L5</u>	L3 and process	153	<u>L5</u>
<u>L4</u>	L3 and (metal adj reagent)	2	<u>L4</u>
<u>L3</u>	(oxyethylene adj ether)	254	<u>L3</u>
<u>L2</u>	L1 and (Organic compound)	1805	<u>L2</u>
<u>L1</u>	(oxyethylene ether and metal reagent)	1959	<u>L1</u>

END OF SEARCH HISTORY

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:57:45 ON 20 SEP 2004

=> file casreact
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'CASREACT' ENTERED AT 10:57:56 ON 20 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 19 Sep 2004 VOL 141 ISS 12

*
* CASREACT now has more than 8 million reactions *
*

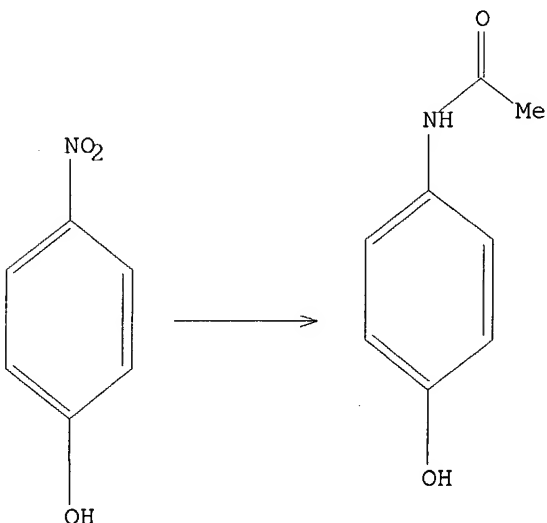
Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\STNEXP4\666543.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:58:20 FILE 'CASREACT'
SCREENING COMPLETE - 467 REACTIONS TO VERIFY FROM 62 DOCUMENTS

100.0% DONE 467 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 8045 TO 10635
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 ful

FULL SEARCH INITIATED 10:58:28 FILE 'CASREACT'
SCREENING COMPLETE - 7737 REACTIONS TO VERIFY FROM 892 DOCUMENTS

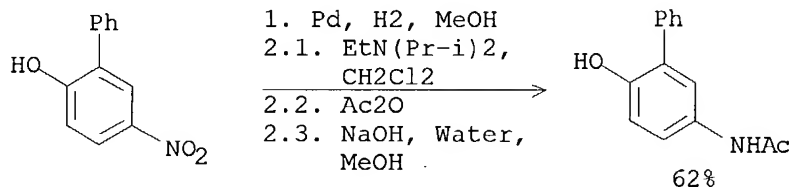
100.0% DONE 7737 VERIFIED 89 HIT RXNS 22 DOCS
SEARCH TIME: 00.00.02

L3 22 SEA SSS FUL L1 (89 REACTIONS)

=> d 13 1-22

L3 ANSWER 1 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

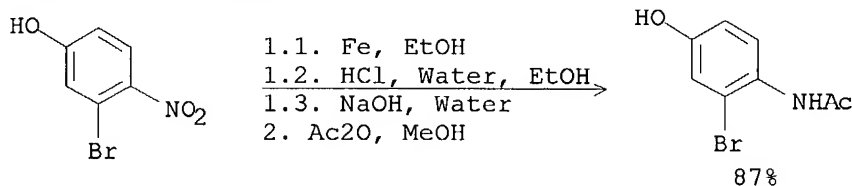
RX(13) OF 16 - 2 STEPS



REF: Journal of the American Chemical Society, 125(50), 15395-15401; 2003

L3 ANSWER 2 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

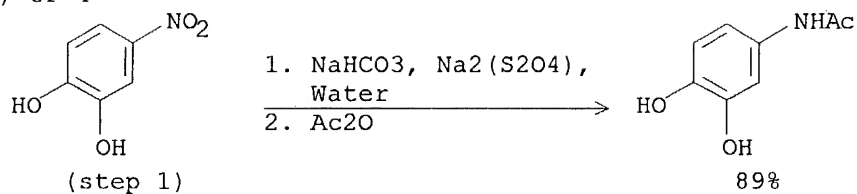
RX(43) OF 135 - 2 STEPS



REF: Organic Letters, 4(24), 4265-4268; 2002

L3 ANSWER 3 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

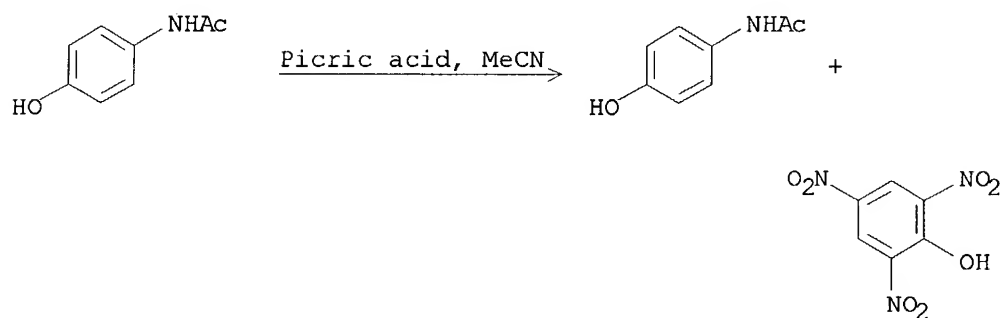
RX(3) OF 4



REF: Journal of Organic Chemistry, 67(17), 6143-6151; 2002

L3 ANSWER 4 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

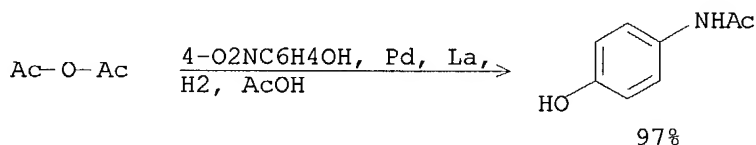
RX(1) OF 3



REF: Proceedings of the National Academy of Sciences, India, Section A: Physical Sciences, 70(3), 225-232; 2000

L3 ANSWER 5 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

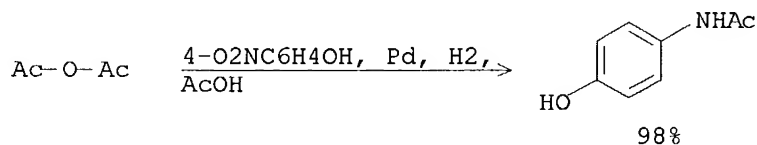
RX(1) OF 1



REF: Xiandai Huagong, 20(8), 37-39; 2000

L3 ANSWER 6 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

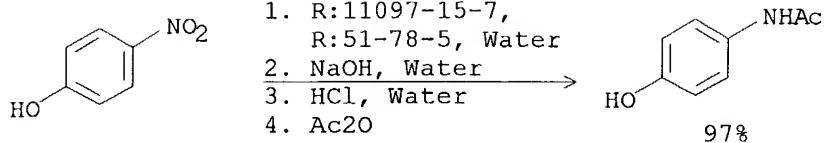
RX(1) OF 1



REF: Huaxue Shijie, 41(6), 321-323, 332; 2000

L3 ANSWER 7 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

RX(1) OF 1

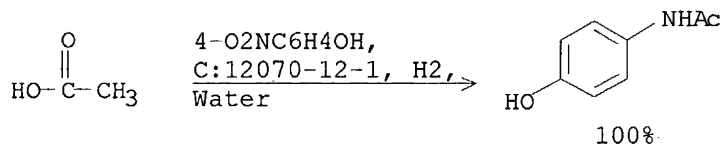


REF: Rom., 112279, 30 Jul 1997

NOTE: chemoselective

L3 ANSWER 8 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

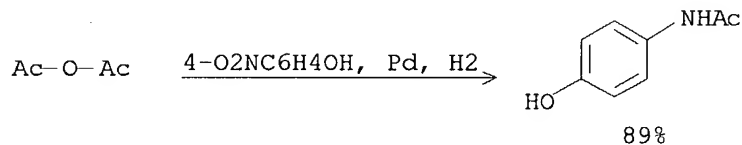
RX(10) OF 10



REF: Eur. Pat. Appl., 536070, 07 Apr 1993

L3 ANSWER 9 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

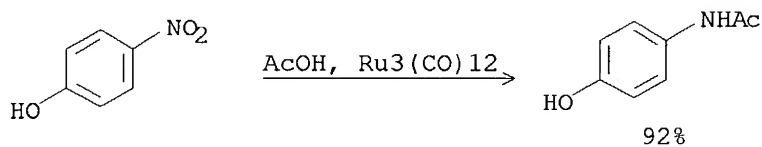
RX(1) OF 1



REF: Huaxue Shiji, 14(6), 383; 1992

L3 ANSWER 10 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

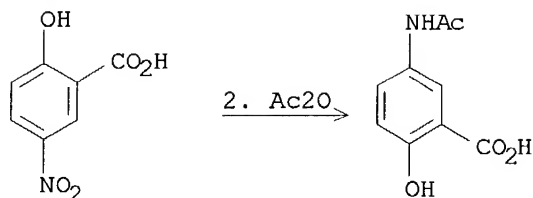
RX(2) OF 3



REF: Tetrahedron Letters, 32(37), 4917-20; 1991

L3 ANSWER 11 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

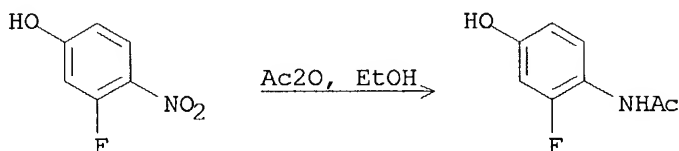
RX(12) OF 22 - 2 STEPS



REF: Magyar Kemiai Folyoirat, 97(4), 143-8; 1991

L3 ANSWER 12 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

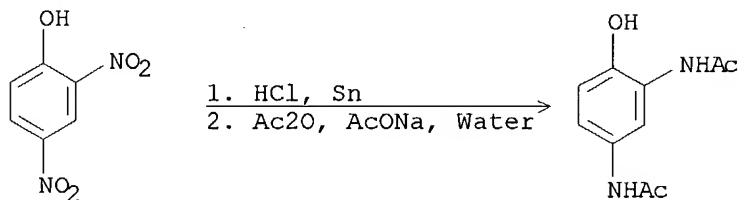
RX(1) OF 1



REF: Eur. Pat. Appl., 277748, 10 Aug 1988

L3 ANSWER 13 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

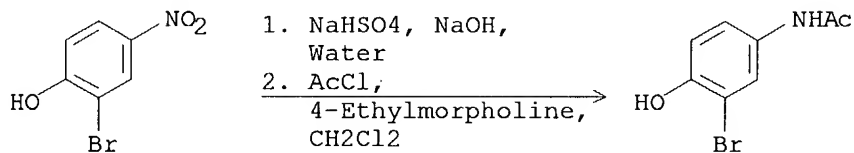
RX(48) OF 114 - 2 STEPS



REF: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999), (4), 851-7; 1987

L3 ANSWER 14 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

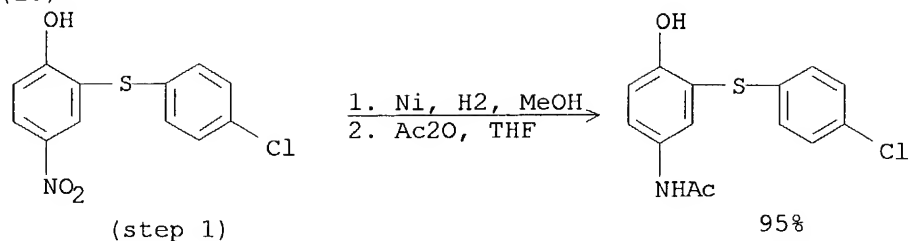
RX(14) OF 18 - 2 STEPS



REF: Journal of Organic Chemistry, 52(10), 2002-10; 1987

L3 ANSWER 15 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

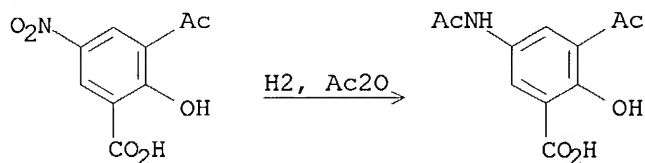
RX(15) OF 183



REF: Journal of Medicinal Chemistry, 30(5), 906-11; 1987

L3 ANSWER 16 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

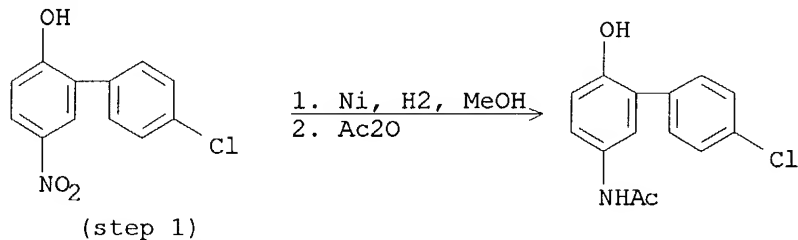
RX(121) OF 224



REF: Journal of Medicinal Chemistry, 29(4), 538-49; 1986

L3 ANSWER 17 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

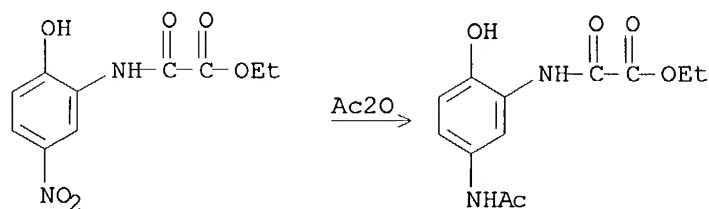
RX(40) OF 631



REF: Journal of Medicinal Chemistry, 29(6), 924-39; 1986

L3 ANSWER 18 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

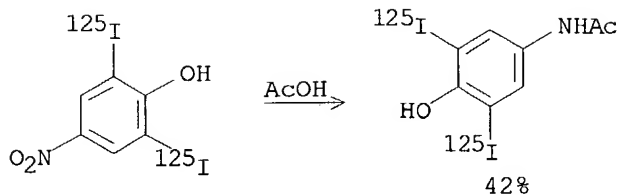
RX(1) OF 3



REF: Eur. Pat. Appl., 30436, 17 Jun 1981

L3 ANSWER 19 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

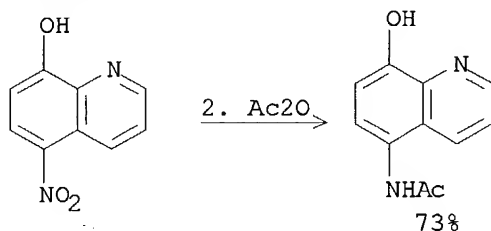
RX(3) OF 6



REF: Journal of Labelled Compounds and Radiopharmaceuticals, 16(6), 851-9; 1979

L3 ANSWER 20 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

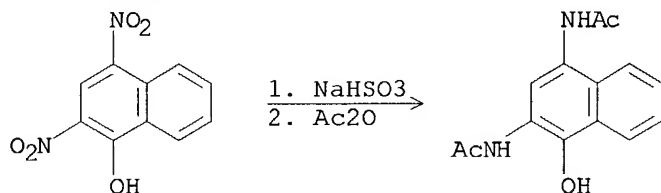
RX(17) OF 27 - 2 STEPS



REF: Godishnik na Visshiya Khimikotekhnologicheski Institut, Sofiya, 22(1), 129-39; 1977

L3 ANSWER 21 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

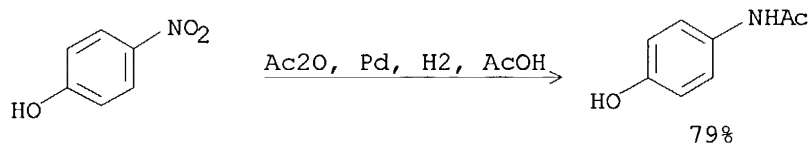
RX(14) OF 28 - 2 STEPS



REF: Ciencia e Cultura (Sao Paulo), 29(10), 1145-9; 1977

L3 ANSWER 22 OF 22 CASREACT COPYRIGHT 2004 ACS on STN

RX(1) OF 1



REF: Journal of Organic Chemistry, 27,, 1092-3; 1962

NOTE: Classification: Hydrogenolysiscatalysis; Chemoselective; N-Acylation; # Conditions: H₂/Pd-C; Ac₂O AcOH; 1h /p